

SIKKIM



GOVERNMENT

GAZETTE

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**GOVERNMENT OF SIKKIM
DEPARTMENT OF HEALTH CARE, HUMAN SERVICES AND FAMILY WELFARE
TASHILING SECRETARIAT, GANGTOK**

No. 149/HC,HS&FW/2019

Dated: 27.03.2019

NOTIFICATION

In supersession of Notification No. 227/HC,HS&FW; Dated: 28.04.2014 and with a view to make the essential drugs and medicines readily available in all the health facilities on the basis of the National List of Essential Medicines (NLEM) 2015, the State Government is hereby pleased to update the State Essential Drugs List as under, namely:-

State List of Essential Medicines (SLEM) 2017-18

Section 1–Anaesthetic Agents

1.1–General Anaesthetics and Oxygen

	Medicine	Level of	Dosage form and strength
		Healthcare	
1.1.1	Halothane	S,T	Inhalation
1.1.2	Isoflurane	S,T	Inhalation
1.1.3	Ketamine	S,T	Injection 10 mg/ml Injection 50 mg/ml
1.1.4	Nitrous oxide	S,T	Inhalation
1.1.5	Oxygen	S,T	Inhalation (Medicinal gas)
1.1.6	Propofol	P,S,T	Injection 10 mg/ml
1.1.7	Sevoflurane	T	Inhalation
1.1.8	Thiopentone	S,T	Powder for Injection 0.5 g Powder for Injection 1 g

1.2–Local Anaesthetics

	Medicine	Level of Healthcare	Dosage form and strength
1.2.1	Bupivacaine	S,T	Injection 0.25% Injection 0.5% Injection 0.5% with 7.5% glucose
1.2.2	Lignocaine	P,S,T	Topical forms 2-5% Injection 1% Injection 2% Injection 5% with 7.5% Glucose
1.2.3	Lignocaine (A) + Adrenaline (B)	P,S,T	Injection 1% (A) + 1:200000 (5mcg/ml) (B) Injection 2% (A) + 1:200000 (5mcg/ml) (B)
1.2.4	Prilocaine (A) + Lignocaine (B)	T	Cream 2.5% (A) + 2.5% (B)

1.3–Preoperative medication and sedation for short term procedures

	Medicine	Level of Healthcare	Dosage form and strength
1.3.1	Atropine	P,S,T	Injection 0.6 mg/ml
1.3.2	Glycopyrrolate	S,T	Injection 0.2 mg/ml
1.3.3	Midazolam	S,T	Tablet 7.5 mg Tablet 15 mg Oral liquid 2 mg/ml Injection 1 mg/ml Injection 5 mg/ml
1.3.4	Morphine	S,T	Injection 10 mg/ml Injection 15 mg/ml

Section 2–Analgesics, antipyretics, non-steroidal anti-inflammatory medicines, medicines used to treat gout and disease modifying agents used in rheumatoid disorders

2.1– Non-opioid analgesics, antipyretics and non-steroidal anti-inflammatory medicines

	Medicine	Level of Healthcare	Dosage form and strength
2.1.1	Acetylsalicylic Acid	P,S,T	Tablet 300 mg to 500 mg Effervescent/ Dispersible/ Enteric coated Tablet 300 mg to 500 mg
2.1.2	Diclofenac	P,S,T	Tablet 50 mg Injection 25 mg/ml
2.1.3	Ibuprofen	P,S,T	Tablet 200 mg Tablet 400 mg Oral liquid 100 mg/5 ml

2.1.4	Mefenamic Acid	P,S,T	Capsule 250 mg Capsule 500 mg Oral liquid 100 mg/5 ml
2.1.5	Paracetamol	P,S,T	Tablet 500 mg Tablet 650 mg All licenced oral liquid dosage forms and strengths Injection 150 mg/ml Suppository 80 mg Suppository 170 mg

2.2–Opioid analgesics

	Medicine	Level of Healthcare	Dosage form and strength
2.2.1	Fentanyl	S,T	Injection 50 mcg/ml
2.2.2	Morphine	S,T	Tablet 10 mg Injection 10 mg/ml Injection 15 mg/ml
2.2.3	Tramadol	S,T	Capsule 50 mg Capsule 100 mg Injection 50 mg/ml

2.3–Medicines used to treat gout

	Medicine	Level of Healthcare	Dosage form and strength
2.3.1	Allopurinol	P,S,T	Tablet 100 mg Tablet 300 mg
2.3.2	Colchicine	S,T	Tablet 0.5 mg

2.4–Disease modifying agents used in rheumatoid disorders

	Medicine	Level of Healthcare	Dosage form and strength
2.4.1	Azathioprine	S, T	Tablet 50 mg
2.4.2	Hydroxychloroquine	S,T	Tablet 200 mg Tablet 400 mg
2.4.3	Leflunomide	S,T	Tablet 10 mg Tablet 20 mg
2.4.4	Methotrexate	S,T	Tablet 5 mg Tablet 7.5 mg Tablet 10 mg
2.4.5	Sulfasalazine	S, T	Injection 25 mg/ ml Tablet 500 mg

Section 3–Anti-allergic and medicines used in anaphylaxis

	Medicine	Level of Healthcare	Dosage form and strength
3.1	Adrenaline	P,S,T	Injection 1 mg/ml
3.2	Cetirizine	P,S,T	Tablet 10 mg Oral liquid 5 mg/5 ml
3.3	Chlorpheniramine	P,S,T	Tablet 4 mg Oral liquid 2 mg/5 ml
3.4	Dexamethasone	P,S,T	Tablet 0.5 mg Injection 4 mg/ml
3.5	Hydrocortisone	P,S,T	Powder for Injection 100 mg
3.6	Pheniramine	P,S,T	Injection 22.75 mg/ml
3.7	Prednisolone	P,S,T	Tablet 5 mg Tablet 10 mg Tablet 20 mg Oral liquid 5 mg/5 ml Oral liquid 15 mg/5 ml

Section 4–Antidotes and other substances used in poisoning

4.1–Nonspecific			
	Medicine	Level of Healthcare	Dosage form and strength
4.1.1	Activated charcoal	P,S,T	Powder (as licensed)
4.2–Specific			
	Medicine	Level of Healthcare	Dosage form and strength
4.2.1	Atropine	P,S,T	Injection 1 mg/ml
4.2.2	Calcium gluconate	P,S,T	Injection 100 mg/ml
4.2.3	Desferrioxamine	S,T	Powder for Injection 500 mg
4.2.4	Dimercaprol	S,T	Injection 50 mg/ml
4.2.5	Methylthioninium chloride (Methylene blue)	S,T	Injection 10 mg/ml
4.2.6	N-acetylcysteine	P,S,T	Sachet 200 mg Injection 200 mg/ml
4.2.7	Naloxone	P,S,T	Injection 0.4 mg/ml
4.2.8	Neostigmine	P,S,T	Injection 0.5 mg/ml
4.2.9	Penicillamine	S,T	Capsule 250 mg

4.2.10	Pralidoxime chloride (2-PAM)	P,S,T	Injection 25 mg/ml
4.2.11	Snake venom antiserum a) Soluble / liquid polyvalent b) Lyophilized polyvalent	P,S,T	a) Injection b) Powder for Injection
4.2.12	Sodium nitrite	S,T	Injection 30 mg/ml
4.2.13	Sodium Thiosulphate	S,T	Injection 100 mg/ml

Section 5–Anticonvulsants / Anti-epileptics

	Medicine	Level of Healthcare	Dosage form and strength
5.1	Carbamazepine	P,S,T	Tablet 100 mg Tablet 200 mg CR Tablet 200 mg Tablet 400 mg CR Tablet 400 mg Oral liquid 100 mg/5 ml Oral liquid 200 mg/5 ml
5.2	Clobazam	S,T	Tablet 5 mg Tablet 10 mg
5.3	Diazepam	P,S,T	Oral liquid 2 mg/5 ml Injection 5 mg/ml Suppository 5 mg
5.4	Levetiracetam	S,T	Tablet 250 mg Tablet 500 mg Tablet 750 mg ER Tablet 750 mg Oral liquid 100 mg/ml Injection 100 mg/ml
5.5	Lorazepam	P,S,T	Tablet 1 mg Tablet 2 mg Injection 2 mg/ml
5.6	Magnesium sulphate	S,T	Injection 500 mg/ml
5.7	Phenobarbitone	P,S,T	Tablet 30 mg Tablet 60 mg Oral liquid 20 mg/5 ml
		S,T	Injection 200 mg/ml
5.8	Phenytoin	P,S,T	Tablet 50 mg Tablet 100 mg Tablet 300 mg ER Tablet 300 mg Oral liquid 30 mg/5 ml Oral liquid 125 mg/5 ml Injection 25 mg/ml Injection 50 mg/ml

5.9	Sodium valproate	P,S,T	Tablet 200 mg Tablet 300 mg CR Tablet 300 mg Tablet 500 mg CR Tablet 500 mg Oral liquid 200 mg/5ml
		T	Injection 100 mg/ml

Section 6–Anti-infective medicines

6.1–Anthelmintic			
6.1.1–Intestinal anthelmintic			
	Medicine	Level of Healthcare	Dosage form and strength
6.1.1.1	Albendazole	P,S,T	Tablet 400 mg Oral liquid 200 mg/5 ml
6.1.1.2	Mebendazole	P,S,T	Tablet 100 mg Oral liquid 100 mg/5 ml
6.1.2–Antifilarial			
	Medicine	Level of Healthcare	Dosage form and strength
6.1.2.1	Diethylcarbamazine	P,S,T	Tablet 50 mg Tablet 100 mg Oral liquid 120 mg/5 ml
6.1.3–Anti-schistosomal & anti-trematodal medicine			
6.1.3.1	Praziquantel	S,T	Tablet 600 mg

6.2–Antibacterial

6.2.1–Beta lactam medicines			
	Medicine	Level of Healthcare	Dosage form and strength
6.2.1.1	Amoxicillin	P,S,T	Capsule 250 mg Capsule 500 mg Oral liquid 250 mg/5 ml
6.2.1.2	Amoxicillin (A) + Clavulanic acid (B)	P,S,T	Tablet 500 mg (A) + 125 mg (B) Oral liquid 200 mg (A) + 28.5 mg (B)/5 ml Dry Syrup 125 mg (A) + 31.25 (B)/5 ml
		S,T	Powder for Injection 500 mg (A) + 100 mg (B) Powder for Injection 1 g (A) + 200 mg (B)

6.2.1.3	Ampicillin	P,S,T	Powder for Injection 500 mg Powder for Injection 1 g
6.2.1.4	Benzathinebenzyl penicillin	P,S,T	Powder for Injection 6 lac units Powder for Injection 12 lac units
6.2.1.5	Benzyl penicillin	P,S,T	Powder for Injection 10 lac units
6.2.1.6	Cefadroxil	P,S,T	Tablet 500 mg Tablet 1 g Oral liquid 125 mg/5 ml
6.2.1.7	Cefazolin	S,T	Powder for Injection 500 mg Powder for Injection 1 g
6.2.1.8	Cefixime	S,T	Tablet 200 mg Tablet 400 mg Oral liquid 50 mg/5 ml Oral liquid 100 mg/5 ml
6.2.1.9	Cefotaxime	S,T	Powder for Injection 250 mg Powder for Injection 500 mg Powder for Injection 1 g
6.2.1.10	Ceftazidime	S,T	Powder for Injection 250 mg Powder for Injection 1 g
6.2.1.11	Ceftriaxone	S,T	Powder for Injection 250 mg Powder for Injection 500 mg Powder for Injection 1 g Powder for Injection 2 g
6.2.1.12	Cloxacillin	P,S,T	Capsule 250 mg Capsule 500 mg Oral Liquid 125 mg/5 ml Powder for Injection 250 mg
6.2.1.13	Piperacillin (A) + Tazobactam (B)	T	Powder for Injection 1 g (A) + 125mg (B) Powder for Injection 2 g (A) + 250mg (B) Powder for Injection 4 g (A) + 500mg (B)

6.2.2–Other anti-bacterials

	Medicine	Level of Healthcare	Dosage form and strength
6.2.2.1	Azithromycin	P,S,T	Tablet 250 mg Tablet 500 mg Oral liquid 200 mg/5ml Powder for Injection 500 mg
6.2.2.2	Ciprofloxacin	P,S,T	Tablet 250 mg Tablet 500 mg Oral liquid 250 mg/5ml Injection 200 mg/100 ml
6.2.2.3	Clarithromycin	S,T	Tablet 250 mg Tablet 500 mg Oral liquid 125mg/5 ml

6.2.2.4	Co-trimoxazole [Sulphamethoxazole (A) +Trimethoprim (B)]	P,S,T	Tablet 400 mg (A) + 80 mg (B) Tablet 800 mg (A) + 160 mg (B) Oral liquid 200 mg (A) + 40 mg (B)/5 ml
6.2.2.5	Doxycycline	P,S,T	Capsule 100 mgDry Syrup 50mg/5 ml
6.2.2.6	Gentamicin	P,S,T	Injection 10 mg/mlInjection 40 mg/ml
6.2.2.7	Metronidazole	P,S,T	Tablet 200 mg Tablet 400 mg Oral liquid 200 mg/5 ml Injection 500 mg/100 ml
6.2.2.8	Nitrofurantoin	P,S,T	Tablet 100 mg Oral liquid 25 mg/5 ml
6.2.2.9	Vancomycin	T	Powder for Injection 250 mg Powder for Injection 500 mg Powder for Injection 1 g

6.2.3–Anti-leprosy medicines

	Medicine	Level of Healthcare	Dosage form and strength
6.2.3.1	Clofazimine	P,S,T	Capsule 50 mg Capsule 100 mg
6.2.3.2	Dapsone	P,S,T	Tablet 25 mg Tablet 50 mg Tablet 100 mg
6.2.3.3	Rifampicin	P,S,T	Capsule 150 mg Capsule 300 mg

6.2.4–Anti-tuberculosis medicines

	Medicine	Level of Healthcare	Dosage form and strength
6.2.4.1	Capreomycin	P, S, T	Powder for Injection 1 g
6.2.4.2	Cycloserine	P, S, T	Capsule 125 mg Capsule 250 mg
6.2.4.3	Ethambutol	P,S,T	Tablet 200 mg Tablet 400 mg Tablet 600 mg Tablet 800 mg
6.2.4.4	Ethionamide	P, S, T	Tablet 125 mg Tablet 250 mg
6.2.4.5	Isoniazid	P,S,T	Tablet 50 mg Tablet 100 mg Tablet 300 mg Oral liquid 100 mg/5 ml

6.2.4.6	Kanamycin	P, S, T	Powder for Injection 500 mg Powder for Injection 750 mg Powder for Injection 1 g
6.2.4.7	Levofloxacin	P, S, T	Tablet 250 mg Tablet 500 mg Tablet 750 mg
6.2.4.8	Linezolid	P, S, T	Tablet 600 mg
6.2.4.9	Moxifloxacin	P, S, T	Tablet 200 mg Tablet 400 mg
6.2.4.10	Para- amino salicylic acid	P,S,T	Tablet 500 mg Granules (As licensed)
6.2.4.11	Pyrazinamide	P,S,T	Tablet 500 mg Tablet 750 mg Tablet 1000 mg Tablet 1500 mg Oral liquid 250 mg/5 ml
6.2.4.12	Rifabutin	S,T	Capsule 150 mg
6.2.4.13	Rifampicin	P,S,T	Capsule 150 mg Capsule 300 mg Capsule 450 mg Capsule 600 mg Oral liquid 100 mg/5 ml
6.2.4.14	Streptomycin	P,S,T	Powder for Injection 750 mg Powder for Injection 1 g

6.3–Antifungal medicines

	Medicine	Level of Healthcare	Dosage form and strength
6.3.1	Amphotericin B a) Amphotericin B (conventional) b) Lipid/Liposomal Amphotericin B	S,T	Powder for Injection 50 mg
6.3.2	Clotrimazole	P,S,T	Pessary 100 mg
6.3.3	Fluconazole	P,S,T	Tablet 100 mg Tablet 150 mg Tablet 200 mg Tablet 400 mg Oral liquid 50mg/5 ml
		S,T	Injection 200 mg /100 ml
6.3.4	Griseofulvin	P,S,T	Tablet 125 mg Tablet 250 mg Tablet 375 mg
6.3.5	Nystatin	S,T	Tablet 500,000 IU Pessary 100,000 IU Oral Liquid 100, 000 IU/ml

6.4–Antiviral medicines			
6.4.1–Anti-herpes medicines			
	Medicine	Level of Healthcare	Dosage form and strength
6.4.1.1	Acyclovir	P,S,T	Tablet 200 mg Tablet 400 mg Powder for Injection 250 mg Powder for Injection 500 mg Oral liquid 400 mg/5 ml
6.4.2–Anti Cytomegalovirus (CMV) medicines			
	Medicine	Level of Healthcare	Dosage form and strength
6.4.2.1	Ganciclovir	S,T	Capsule 250 mg Powder for Injection 500 mg
6.4.3–Antiretroviral medicines			
6.4.3.1–Nucleoside reverse transcriptase inhibitors			
	Medicine	Level of Healthcare	Dosage form and strength
6.4.3.1.1	Abacavir	S,T	Tablet 60 mg Tablet 300 mg
6.4.3.1.2	Abacavir (A) + Lamivudine (B)	S,T	Tablet 60 mg (A) +30 mg (B) Tablet 600 mg (A)+300 mg (B)
6.4.3.1.3	Lamivudine (A) + Nevirapine (B) + Stavudine (C)	S,T	Dispersible Tablet 30 mg (A) + 50mg (B) + 6 mg (C) Tablet 150 mg (A) + 200 mg (B) +30 mg (C)
6.4.3.1.4	Lamivudine (A) + Zidovudine (B)	S,T	Tablet 30 mg (A) + 60 mg (B) Tablet 150 mg (A) + 300 mg (B)
6.4.3.1.5	Stavudine (A) + Lamivudine (B)	S,T	Dispersible Tablet 6 mg (A) + 30mg (B) Tablet 30 mg (A) + 150 mg (B)
6.4.3.1.6	Tenofovir (A) + Lamivudine (B)	S,T	Tablet 300 mg (A) +300 mg (B)
6.4.3.1.7	Tenofovir (A) + Lamivudine (B) + Efavirenz (C)	S,T	Tablet 300 mg (A) + 300 mg (B) + 600 mg (C)
6.4.3.1.8	Zidovudine	S,T	Tablet 300 mg Oral liquid 50 mg/5 ml
6.4.3.1.9	Zidovudine (A) + Lamivudine (B) + Nevirapine (C)	S,T	Tablet 60 mg (A) + 30 mg (B) + 50mg (C) Tablet 300 mg (A) + 150 mg (B) +200 mg (C)

6.4.3.2–Non-nucleoside reverse transcriptase inhibitors			
	Medicine	Level of Healthcare	Dosage form and strength
6.4.3.2.1	Efavirenz	S,T	Tablet 50 mg Tablet 200 mg Tablet 600 mg
6.4.3.2.2	Nevirapine	S,T	Dispersible Tablet 50 mg Tablet 200 mg Oral liquid 50 mg/5 ml

6.4.3.3–Integrase inhibitors			
	Medicine	Level of Healthcare	Dosage form and strength
6.4.3.3.1	Raltegravir	S,T	Tablet 400 mg

6.4.3.4–Protease inhibitors			
	Medicine	Level of Healthcare	Dosage form and strength
6.4.3.4.1	Atazanavir (A) + Ritonavir (B)	S,T	Tablet 300 mg (A) + 100 mg (B)
6.4.3.4.2	Darunavir	S,T	Tablet 600 mg
6.4.3.4.3	Lopinavir (A) + Ritonavir (B)	S,T	Tablet 100 mg (A) + 25 mg (B) Tablet 200 mg (A) + 50 mg (B) Oral liquid 400 mg (A) + 100 mg(B)/ 5ml
6.4.3.4.4	Ritonavir	S,T	Tablet 100 mg

6.4.4–Medicines for hepatitis B and hepatitis C			
	Medicine	Level of Healthcare	Dosage form and strength
6.4.4.1	Entecavir	S,T	Tablet 0.5 mg Tablet 1 mg
6.4.4.2	Pegylated interferon alfa 2a	S,T	Injection 180 mcg
	Pegylated interferon alfa 2b	S,T	Injection 80 mcg Injection 100 mcg Injection 120 mcg
6.4.4.3	Ribavirin	S,T	Capsule 200 mg
6.4.4.4	Sofosbuvir	S,T	Tablet 400 mg
6.4.4.5	Tenofovir	S,T	Tablet 300 mg

Section 6.5–Antiprotozoal Medicines			
6.5.1–Anti-amoebic and anti-giardiasis medicines			
	Medicine	Level of Healthcare	Dosage form and strength
6.5.1.1	Diloxanidefuroate	P,S,T	Tablet 500 mg
6.5.1.2	Metronidazole	P,S,T	Tablet 200 mg Tablet 400 mg Injection 500 mg/100 ml Oral liquid 200 mg/5 ml
6.5.2–Anti-leishmaniasis medicines			
	Medicine	Level of Healthcare	Dosage form and strength
6.5.2.1	Amphotericin B a) Amphotericin B (conventional) b) Lipid/ Liposomal Amphotericin B	S,T	Powder for Injection 50 mg
6.5.2.2	Miltefosine	S,T	Capsule 10 mg Capsule 50 mg
6.5.2.3	Paromomycin	S,T	Injection 375 mg/ml
6.5.3–Antimalarial medicines			
6.5.3.1–For curative treatment			
	Medicine	Level of Healthcare	Dosage form and strength
6.5.3.1.1	Artemether (A) + Lumefantrine (B)	P,S,T	Tablet 20 mg (A) + 120 mg (B) Tablet 40 mg (A) + 240 mg (B) Tablet 80 mg (A) + 480 mg (B) Oral liquid 80 mg (A) + 480 mg(B)/5 ml
6.5.3.1.2	Artesunate	P,S,T	Powder for Injection 60 mg Powder for Injection 120 mg
6.5.3.1.3	Artesunate (A) + Sulphadoxine - Pyrimethamine (B)	P,S,T	Combi pack (A+B) 1 Tablet 25 mg (A) + 1 Tablet (250 mg + 12.5 mg) (B) 1 Tablet 50 mg (A) + 1 Tablet (500 mg + 25 mg) (B) 1 Tablet 100 mg (A) + 1 Tablet (750 mg + 37.5 mg) (B) 1 Tablet 150 mg (A) + 2 Tablet (500 mg + 25 mg) (B) 1 Tablet 200 mg (A) + 2 Tablet (750 mg + 37.5 mg) (B)

6.5.3.1.4	Chloroquine	P,S,T	Tablet 150 mg Oral liquid 50 mg/5 ml
6.5.3.1.5	Clindamycin	P,S,T	Capsule 150 mg Capsule 300 mg
6.5.3.1.6	Primaquine	P,S,T	Tablet 2.5 mg Tablet 7.5 mg Tablet 15 mg
6.5.3.1.7	Quinine	P,S,T	Tablet 300 mg Injection 300 mg/ml

6.5.3.2–For prophylaxis

6.5.3.2.1	Mefloquine	T	Tablet 250 mg* Only for use as chemoprophylaxis for long term travellers like military and travel troops, travelling from low endemic to high endemic area.
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6.5.4–Anti-pneumocystosis and anti-toxoplasmosis medicines

	Medicine	Level of Healthcare	Dosage form and strength
6.5.4.1	Co-trimoxazole [Sulphamethoxazole (A) +Trimethoprim (B)]	P,S,T	Tablet 400 mg (A) + 80 mg (B) Tablet 800 mg (A) + 160 mg (B) Oral liquid 200 mg (A) + 40 mg(B)/5 ml
6.5.4.2	Pentamidine	S,T	Powder for Injection 200 mg

Section 7–Anti-migraine medicines

	Medicine	Level of Healthcare	Dosage form and strength
7.1.1	Acetylsalicylic Acid	P,S,T	Tablet 300 mg to 500 mg Effervescent/ Dispersible/ Enteric coated Tablet 300 mg to 500 mg
7.1.2	Paracetamol	P,S,T	Tablet 500 mg Tablet 650 mg
7.1.3	Sumatriptan	S,T	Tablet 25 mg Tablet 50 mg Injection 6 mg/ 0.5 ml

7.2–For prophylaxis

	Medicine	Level of Healthcare	Dosage form and strength
7.2.1	Flunarizine	P,S,T	Tablet 5 mg Tablet 10 mg
7.2.2	Propranolol	P,S,T	Tablet 10 mg Tablet 40 mg Tablet 80 mg

Section 8 –Antineoplastic/ immunosuppressive and medicines used in palliative care

8.1–Antineoplastic medicines			
	Medicine	Level of Healthcare	Dosage form and strength
8.1.1	5-Fluorouracil	T	Injection 250 mg/5 ml
8.1.2	6-Mercaptopurine	T	Tablet 50 mg
8.1.3	Actinomycin D	T	Powder for Injection 0.5 mg
8.1.4	All-trans retinoic acid	T	Capsule 10 mg
8.1.5	Arsenic trioxide	T	Injection 1mg/ml
8.1.6	Bleomycin	T	Powder for Injection 15 units
8.1.7	Bortezomib	T	Powder for Injection 2mg
8.1.8	Calcium folinate	T	Tablet 15 mg Injection 3 mg/ml
8.1.9	Capecitabine	T	Tablet 500 mg
8.1.10	Carboplatin	T	Injection 10 mg/ml
8.1.11	Chlorambucil	T	Tablet 2 mg Tablet 5 mg
8.1.12	Cisplatin	T	Injection 1mg/ml
8.1.13	Cyclophosphamide	T	Tablet 50 mg Tablet 200 mg Powder for Injection 500 mg
8.1.14	Cytosinearabioside	T	Injection 100 mg/ ml Powder for Injection 500 mg Powder for Injection 1000 mg
8.1.15	Dacarbazine	T	Powder for Injection 500 mg Powder for Injection 200 mg
8.1.16	Daunorubicin	T	Injection 5 mg/ml
8.1.17	Docetaxel	T	Powder for Injection 20 mg Powder for Injection 80 mg
8.1.18	Doxorubicin	T	Injection 2 mg/ml
8.1.19	Etoposide	T	Capsule 50 mg Capsule 100 mg Injection 20 mg/ml
8.1.20	Gefitinib	T	Tablet 250 mg
8.1.21	Gemcitabine	T	Powder for Injection 200 mg Powder for Injection 1 g
8.1.22	Ifosfamide	T	Powder for Injection 1 g Powder for Injection 2 g

8.1.23	Imatinib	T	Tablet 100 mg Tablet 400 mg
8.1.24	L-Asparaginase	T	Powder for Injection 5000 KU. Powder for Injection 10000 KU
8.1.25	Melphalan	T	Tablet 2 mg Tablet 5 mg
8.1.26	Mesna	T	Injection 100 mg/ml
8.1.27	Methotrexate	T	Tablet 2.5 mg Tablet 5 mg Tablet 10mg Injection 50 mg/ml
8.1.28	Oxaliplatin	T	Injection 5 mg/ml
8.1.29	Paclitaxel	T	Injection 30 mg/5 ml Injection 100 mg/16.7 ml
8.1.30	Procarbazine	T	Capsule 50 mg
8.1.31	Rituximab	T	Injection 10 mg/ml
8.1.32	Temozolomide	T	Capsule 20 mg Capsule 100 mg Capsule 250 mg
8.1.33	Thalidomide	T	Capsule 50 mg Capsule 100 mg
8.1.34	Trastuzumab	T	Injection 440 mg/50 ml
8.1.35	Vinblastine	T	Injection 1 mg/ml
8.1.36	Vincristine	T	Injection 1 mg/ml

8.2–Hormones and anti-hormones used in cancer therapy			
	Medicine	Level of Healthcare	Dosage form and strength
8.2.1	Bicalutamide	T	Tablet 50 mg
8.2.2	Letrozole	T	Tablet 2.5 mg
8.2.3	Prednisolone	S, T	Tablet 10 mg Tablet 20 mg Tablet 40 mg Oral liquid 5 mg/5 ml Oral liquid 15 mg/5 ml Injection 20 mg/2 ml
8.2.4	Tamoxifen	T	Tablet 10 mgTablet 20 mg

8.3–Immunosuppressive medicines			
	Medicine	Level of Healthcare	Dosage form and strength
8.3.1	Azathioprine	T	Tablet 50 mg
8.3.2	Cyclosporine	T	Capsule 10 mg Capsule 25 mg Capsule 50 mg Capsule 100 mg Oral liquid 100 mg/ml Injection 50 mg/ml
8.3.3	Mycophenolatemofetil	T	Tablet 250 mg Tablet 500 mg
8.3.4	Tacrolimus	T	Capsule 0.5 mg Capsule 1 mg Capsule 2 mg

8.4–Medicines used in palliative care			
	Medicine	Level of Healthcare	Dosage form and strength
8.4.1	Allopurinol	T	Tablet 100 mg
8.4.2	Amitriptyline	T	Tablet 10 mg Tablet 25 mg
8.4.3	Dexamethasone	T	Tablet 0.5 mg Injection 4 mg/ml
8.4.4	Diazepam	T	Tablet 2 mg Tablet 5 mg Injection 5 mg/ml
8.4.5	Filgrastim	T	Injection 300 mcg
8.4.6	Fluoxetine	T	Capsule 20 mg
8.4.7	Haloperidol	T	Tablet 1.5 mg Tablet 5 mg Injection 5 mg/ml
8.4.8	Lactulose	T	Oral liquid 10 g/15 ml
8.4.9	Loperamide	T	Tablet 2 mg
8.4.10	Metoclopramide	T	Tablet 10 mg Oral liquid 5 mg/5 ml Injection 5 mg/ml
8.4.11	Midazolam	T	Injection 1 mg/ml
8.4.12	Morphine	T	Tablet 10 mg Tablet 20 mg SR Tablet 30 mg

8.4.13	Ondansetron	S,T	Tablet 4 mg Tablet 8 mg Oral liquid 2 mg/5 ml Injection 2 mg/ml
8.4.14	Tramadol	T	Capsule 50 mg Capsule 100 mg Injection 50 mg/ml
8.4.15	Zoledronic acid	T	Powder for Injection 4 mg

Section 9–Anti-parkinsonism medicines

	Medicine	Level of Healthcare	Dosage form and strength
9.1	Levodopa (A) + Carbidopa (B)	P,S,T	Tablet 100 mg (A) + 10 mg (B) Tablet 100 mg (A) + 25 mg (B)CR Tablet 100 mg (A) + 25 mg(B)CR Tablet 200 mg (A) + 50 (B)mg Tablet 250 mg (A) + 25 mg (B)
9.2	Trihexyphenidyl	P,S,T	Tablet 2 mg

Section 10–Medicines affecting blood

10.1–Anti-anaemia medicines			
	Medicine	Level of Healthcare	Dosage form and strength
10.1.1	Erythropoietin	S,T	Injection 2000 IU/ml Injection 10000 IU/ml
10.1.2	Ferrous salts	P,S,T	Tablet equivalent to 60 mg of elemental iron Oral liquid equivalent to 25 mg of elemental iron/ml
10.1.3	Ferrous salt (A) + Folic acid (B)	P,S,T	Tablet 45mg elemental iron (A) +400 mcg (B) Tablet 100 mg elemental iron (A)+ 500 mcg (B) Oral liquid 20 mg elemental iron(A) + 100 mcg (B)/ml
10.1.4	Folic acid	P,S,T	Tablet 5 mg
10.1.5	Hydroxocobalamin	P,S,T	Injection 1 mg/ml
10.1.6	Hydroxyurea	P,S,T	Capsule 500 mg
10.1.7	Iron sucrose	S,T	Injection 20 mg/ml

10.2–Medicines affecting coagulation			
	Medicine	Level of Healthcare	Dosage form and strength
10.2.1	Enoxaparin	T	Injection 40 mg/0.4 ml Injection 60 mg/0.6 ml
10.2.2	Heparin	S,T	Injection 1000 IU/ml Injection 5000 IU/ml
10.2.3	Phytomenadione (Vitamin K1)	P,S,T	Tablet 10mg Injection 10 mg/ml
10.2.4	Protamine	S,T	Injection 10 mg/ml
10.2.5	Tranexamic acid	P,S,T	Tablet 500 mg Injection 100 mg/ml
10.2.6	Warfarin	S,T	Tablet 1mg Tablet 2 mg Tablet 3 mg Tablet 5 mg

Section 11–Blood products and Plasma substitutes

11.1–Blood and Blood components			
All forms of the following as approved by licensing authority are considered as included in NLEM. However, considering the process, technology and other relevant aspects, they should be considered differently for purposes such as procurement policy, pricing etc.			
	Medicine	Level of Healthcare	Dosage form and strength
11.1.1	Fresh frozenplasma	S,T	As licensed
11.1.2	Platelet richplasma	S,T	As licensed
11.1.3	Red blood cells	S,T	As licensed
11.1.4	Whole blood	S,T	As licensed

11.2–Plasma substitutes			
	Medicine	Level of Healthcare	Dosage form and strength
11.2.1	Dextran-40	S,T	Injection 10%

11.3–Plasma fractions for specific use			
In case of coagulation factors and other blood products, irrespective of variation in source, all forms of these products as approved by licensing authority are considered as included in NLEM. However, considering the source, process, technology and other relevant aspects, they should be considered differently for purposes such as procurement policy, pricing etc.			

11.3.1	Coagulation factorIX	S,T	Powder for Injection 600 IU
11.3.2	Coagulation factorVIII	S,T	Powder for Injection 250 IU Powder for Injection 500 IU
11.3.3	Cryoprecipitate	S,T	As licensed

Section 12–Cardiovascular medicines

12.1–Medicines used in angina

	Medicine	Level of Healthcare	Dosage form and strength
12.1.1	Acetylsalicylic acid	P,S,T	Tablet 75 mg Effervescent/ Dispersible/ Enteric coated Tablet 75 mg Tablet 100 mg Effervescent/ Dispersible/ Enteric coated Tablet 100 mg Tablet 150 mg Effervescent/ Dispersible/ Enteric coated Tablet 150 mg
12.1.2	Clopidogrel	P,S,T	Tablet 75 mg
12.1.3	Diltiazem	P,S,T	Tablet 30 mg Tablet 60 mg SR Tablet 90 mg
		T	Injection 5 mg/ml
12.1.4	Glyceryltrinitrate	P,S,T	Sublingual tablet 0.5 mg
		S,T	Injection 5 mg/ml
12.1.5	Isosorbide-5-ononitrate	P,S,T	Tablet 10 mg Tablet 20 mg SR Tablet 30 mg SR Tablet 60 mg
12.1.6	Isosorbidedinitrate	P,S,T	Tablet 5 mg Tablet 10 mg
12.1.7	Metoprolol	P,S,T	Tablet 25 mg Tablet 50 mg SR Tablet 25 mg SR Tablet 50 mg

12.2–Antiarrhythmic medicines

	Medicine	Level of Healthcare	Dosage form and strength
12.2.1	Adenosine	S,T	Injection 3 mg/ml
12.2.2	Amiodarone	S,T	Tablet 100 mg Tablet 200 mg Injection 50 mg/ml

12.2.3	Esmolol	T	Injection 10 mg/ml
12.2.4	Lignocaine	S,T	Injection 2% (Preservative free for IV use)
12.2.5	Verapamil	S,T	Tablet 40 mg Tablet 80 mg Injection 2.5 mg/ml

12.3–Antihypertensive medicines

	Medicine	Level of Healthcare	Dosage form and strength
12.3.1	Amlodipine	P,S,T	Tablet 2.5 mg Tablet 5 mg Tablet 10 mg
12.3.2	Atenolol	P,S,T	Tablet 50 mg Tablet 100 mg
12.3.3	Enalapril	P,S,T	Tablet 2.5 mg Tablet 5 mg
12.3.4	Hydrochlorothiazide	P,S,T	Tablet 12.5 mg Tablet 25 mg
12.3.5	Labetalol	P,S,T	Injection 5 mg/ml
12.3.6	Methyldopa	P,S,T	Tablet 250 mg Tablet 500 mg
12.3.7	Ramipril	P,S,T	Tablet 2.5 mg Tablet 5 mg
12.3.8	Sodiumnitroprusside	T	Injection 10 mg/ml
12.3.9	Telmisartan	P,S,T	Tablet 20 mg Tablet 40 mg Tablet 80 mg

12.4–Medicines used in shock and heart failure

	Medicine	Level of Healthcare	Dosage form and strength
12.4.1	Digoxin	S,T	Tablet 0.25 mg Oral liquid 0.05 mg/ml Injection 0.25 mg/ml
12.4.2	Dobutamine	S,T	Injection 50 mg/ml
12.4.3	Dopamine	S,T	Injection 40 mg/ml
12.4.4	Noradrenaline	S,T	Injection 2 mg/ml

12.5–Antithrombotic medicine (Cardiovascular/ Cerebrovascular)			
	Medicine	Level of Healthcare	Dosage form and strength
12.5.1	Acetylsalicylic acid	P,S,T	Tablet 75 mg Effervescent/ Dispersible/ Entericcoated Tablet 75 mg Tablet 100 mg Effervescent/ Dispersible/ Entericcoated ablet 100 mg Tablet 150 mg Effervescent/ Dispersible/ Entericcoated Tablet 150 mg
12.5.2	Alteplase	T	Powder for Injection 20 mg Powder for Injection 50 mg
12.5.3	Heparin	S,T	Injection 1000 IU/ml Injection 5000 IU/ml
12.5.4	Streptokinase	S,T	Injection 750,000 IU Injection 15,00,000 IU

12.6–Hypolipidemic medicines			
	Medicine	Level of Healthcare	Dosage form and strength
12.6.1	Atorvastatin	P,S,T	Tablet 10 mg Tablet 20 mg Tablet 40 mg

Section 13–Medicines used in dementia

	Medicine	Level of Healthcare	Dosage form and strength
13.1	Donepezil	S,T	Tablet 5 mg Tablet 10 mg

Section 14–Dermatological medicines (Topical)

14.1–Antifungal medicines			
	Medicine	Level of Healthcare	Dosage form and strength
14.1.1	Clotrimazole	P,S,T	Cream 1%

14.2–Anti-infective medicines			
	Medicine	Level of Healthcare	Dosage form and strength
14.2.1	Framycetin	P,S,T	Cream 0.5%
14.2.2	Fusidic acid	P,S,T	Cream 2%
14.2.3	Methylrosanilinium chloride (Gentian Violet)	P,S,T	Topical preparation 0.25% to 2%
14.2.4	Povidone iodine	P,S,T	Solution 4% to 10%
14.2.5	Silversulphadiazine	P,S,T	Cream 1%

14.3–Anti-inflammatory and antipruritic medicines			
	Medicine	Level of Healthcare	Dosage form and strength
14.3.1	Betamethasone	P,S,T	Cream 0.05% Cream 0.1%
14.3.2	Calamine	P,S,T	Lotion (As per IP)

14.4–Medicines affecting skin differentiation and proliferation			
	Medicine	Level of Healthcare	Dosage form and strength
14.4.1	Benzoyl peroxide	P,S,T	Gel 2.5%
14.4.2	Coal tar	P,S,T	Solution 5%
14.4.3	Podophyllin resin	S,T	Solution 10% to 25%
14.4.4	Salicylic acid	P,S,T	Ointment 6%

14.5–Scabicides and pediculicides			
	Medicine	Level of Healthcare	Dosage form and strength
14.5.1	Permethrin	P,S,T	Lotion 1% Cream 5%

14.6–Miscellaneous			
	Medicine	Level of Healthcare	Dosage form and strength
14.6.1	Glycerin	P,S,T	Oral Liquid
14.6.2	White Petrolatum	P,S,T	Jelly 100%

Section 15 – Diagnostic agents

15.1–Ophthalmic medicines			
	Medicine	Level of Healthcare	Dosage form and strength
15.1.1	Fluorescein	S,T	Eye drop 1%
15.1.2	Lignocaine	S,T	Eye drop 4%
15.1.3	Tropicamide	S,T	Eye drop 1%

15.2–Radiocontrast media			
	Medicine	Level of Healthcare	Dosage form and strength
15.2.1	Barium sulphate	S,T	Oral liquid 100% w/v Oral liquid 250% w/v
15.2.2	Gadobenate	T	Injection 529 mg/ml
15.2.3	Iohexol	S,T	Injection 140 to 350 mg iodine/ml
15.2.4	Meglumine diatrizoate	S,T	Injection 60% w/v Injection 76% w/v

Section 16–Dialysis solutions			
	Medicine	Level of Healthcare	Dosage form and strength
16.1	Haemodialysis fluid	S,T	As licensed
16.2	Intraperitoneal dialysis solution	S,T	As licensed

Section 17–Disinfectants and antiseptics

17.1–Antiseptics			
	Medicine	Level of Healthcare	Dosage form and strength
17.1.1	Cetrimide	P,S,T	Solution 20% (Concentrate for dilution)
17.1.2	Chlorhexidine	P,S,T	Solution 5% (Concentrate for dilution)
17.1.3	Ethyl alcohol (Denatured)	P,S,T	Solution 70%
17.1.4	Hydrogen peroxide	P,S,T	Solution 6%
17.1.5	Methylrosanilinium chloride (Gentian Violet)	P,S,T	Topical preparation 0.25% to 2%
17.1.6	Povidone iodine	P,S,T	Solution 4% to 10%

17.2–Disinfectants			
	Medicine	Level of Healthcare	Dosage form and strength
17.2.1	Bleaching powder	P,S,T	Containing not less than 30% w/w of available chlorine (as per I.P)
17.2.2	Glutaraldehyde	S,T	Solution 2%
17.2.3	Potassium permanganate	P,S,T	Crystals for topical solution

Section 18–Diuretics

	Medicine	Level of Healthcare	Dosage form and strength
18.1	Furosemide	P,S,T	Tablet 40 mg Oral liquid 10 mg/ml Injection 10 mg/ ml
18.2	Hydrochlorothiazide	P,S,T	Tablet 25 mg Tablet 50 mg
18.3	Mannitol	P,S,T	Injection 10% Injection 20%
18.4	Spironolactone	P,S,T	Tablet 25 mg Tablet 50 mg

Section 19–Ear, nose and throat medicines

	Medicine	Level of Healthcare	Dosage form and strength
19.1	Budesonide	P,S,T	Nasal Spray 50 mcg/dose Nasal Spray 100 mcg/dose
19.2	Ciprofloxacin	P,S,T	Drops 0.3 %
19.3	Clotrimazole	P,S,T	Drops 1%
19.4	Xylometazoline	P,S,T	Nasal drops 0.05 % Nasal drops 0.1 %

Section 20–Gastrointestinal medicines

20.1–Antiulcer medicines			
	Medicine	Level of Healthcare	Dosage form and strength
20.1.1	Omeprazole	P,S,T	Capsule 10 mg Capsule 20 mg Capsule 40 mg Powder for oral liquid 20 mg

20.1.2	Pantoprazole	S,T	Injection 40 mg
20.1.3	Ranitidine	P,S,T	Tablet 150 mg Oral liquid 75 mg/5 ml Injection 25 mg/ml
20.1.4	Sucralfate	S,T	Oral liquid 1 g

20.2–Anti-emetics

	Medicine	Level of Healthcare	Dosage form and strength
20.2.1	Domperidone	P,S,T	Tablet 10 mg Oral liquid 1 mg/ml
20.2.2	Metoclopramide	P,S,T	Injection 5 mg/ml
20.2.3	Ondansetron	S,T	Tablet 4 mg Oral liquid 2 mg/5 ml Injection 2 mg/ml

20.3–Anti inflammatory medicines

	Medicine	Level of Healthcare	Dosage form and strength
20.3.1	5-aminosalicylic acid	S,T	Tablet 400 mg Suppository 500 mg Retention Enema

20.4–Antispasmodic medicines

	Medicine	Level of Healthcare	Dosage form and strength
20.4.1	Dicyclomine	P,S,T	Tablet 10 mg Oral Solution 10mg/5ml Injection 10 mg/ml
20.4.2	Hyoscinebutyl bromide	P,S,T	Tablet 10 mg Injection 20 mg/ml

20.5–Laxatives

	Medicine	Level of Healthcare	Dosage form and strength
20.5.1	Bisacodyl	P,S,T	Tablet 5 mg Suppository 5 mg
20.5.2	Ispaghula	P,S,T	Granules/ Husk/ Powder
20.5.3	Lactulose	S,T	Oral liquid 10 g/15 ml

20.6–Medicines used in diarrhoea			
	Medicine	Level of Healthcare	Dosage form and strength
20.6.1	Oral rehydration salts	P,S,T	As licensed
20.6.2	Zinc sulphate	P,S,T	Dispersible Tablet 20 mg

20.7–Other medicines			
	Medicine	Level of Healthcare	Dosage form and strength
20.7.1	Somatostatin	T	Powder for Injection 3 mg

Section 21–Hormones, other endocrine medicines and contraceptives

21.1–Adrenal hormones and synthetic substitutes			
	Medicine	Level of Healthcare	Dosage form and strength
21.1.1	Dexamethasone	S,T	Tablet 0.5 mg Injection 4 mg/ml
21.1.2	Human chorionic gonadotropin	T	Injection 1000 IU Injection 5000 IU
21.1.3	Hydrocortisone	P,S,T	Tablet 5 mg Tablet 10 mg Injection 100 mg/ml
21.1.4	Methylprednisolone	S,T	Tablet 8 mg Tablet 16 mg Tablet 32 mg Injection 40 mg/ml
21.1.5	Prednisolone	P,S,T	Tablet 5 mg Tablet 10 mg Tablet 20 mg

21.2–Contraceptives

21.2.1–Hormonal contraceptives			
	Medicine	Level of Healthcare	Dosage form and strength
21.2.1.1	Ethinylestradiol (A) + Levonorgestrel	P,S,T	Tablet 0.03 mg (A) + 0.15 mg (B)
21.2.1.2	Ethinylestradiol (A) + Norethisterone	P,S,T	Tablet 0.035 mg (A) + 1 mg (B)

21.2.2–Intrauterine devices			
	Medicine	Level of Healthcare	Dosage form and strength
21.2.2.1	Hormone releasing IUD	T	Contains 52 mg of Levonorgestrel
21.2.2.2	IUD containing Copper	P,S,T	As licensed

21.2.3–Barrier methods			
	Medicine	Level of Healthcare	Dosage form and strength
21.2.3.1	Condom	P,S,T	As per the standards prescribed in Schedule R of Drugs and Cosmetics rules, 1945

21.3–Estrogens			
	Medicine	Level of Healthcare	Dosage form and strength
21.3.1	Ethinylestradiol	P,S,T	Tablet 0.01 mg Tablet 0.05 mg
21.3.2	Levonorgestrel	P,S,T	Tablet 0.75 mg

21.4–Medicines used in diabetes mellitus			
21.4.1–Insulin and other anti-diabetic agents			
	Medicine	Level of Healthcare	Dosage form and strength
21.4.1.1	Glimepiride	P,S,T	Tablet 1 mg Tablet 2 mg
21.4.1.2	Insulin (Soluble)	P,S,T	Injection 40 IU/ml
21.4.1.3	Intermediate Acting (NPH) Insulin	P,S,T	Injection 40 IU/ml
21.4.1.4	Metformin	P,S,T	Tablet 500 mg Tablet 750 mg Tablet 1000 mg (Immediate and controlled release)
21.4.1.5	Premix Insulin 30:70 Injection (Regular:NPH)	P,S,T	Injection 40 IU/ml

21.4.2–Medicines used to treat hypoglycaemia			
	Medicine	Level of Healthcare	Dosage form and strength
21.4.2.1	Glucose	P,S,T	Injection 25 %

21.5–Ovulation Inducers			
	Medicine	Level of Healthcare	Dosage form and strength
21.5.1	Clomiphene	T	Tablet 50 mg Tablet 100 mg

21.6–Progestogens			
	Medicine	Level of Healthcare	Dosage form and strength
21.6.1	Medroxyprogesterone acetate	P,S,T	Tablet 5 mg Tablet 10 mg
21.6.2	Norethisterone	P,S,T	Tablet 5 mg

21.7–Thyroid and anti-thyroid medicines			
	Medicine	Level of Healthcare	Dosage form and strength
21.7.1	Carbimazole	P,S,T	Tablet 5 mg Tablet 10 mg
21.7.2	Levothyroxine	P,S,T	Tablet 12.5 mcg to 150 mcg* (Several strengths are available in market such as 12.5, 25, 50, 62.5, 75, 88, 100, 112 mcg. Therefore it was considered to give a range of available strengths)

Section 22–Immunologicals

In case of these biologicals, irrespective of variation in source, composition and strengths, all the products of the same vaccine/ sera/ immunoglobulin, as approved by licensing authority are considered as included in NLEM. However, considering the source, process, technology and other relevant aspects, different products of the same biologicals should be considered differently for purposes such as procurement policy, pricing etc.

22.1–Diagnostic agents			
	Medicine	Level of Healthcare	
22.1.1	Tuberculin, Purified Protein derivative	P,S,T	

22.2-Sera and immunoglobulin (Liquid/ Lyophilized)

	Medicine	Level of Healthcare	Dosage form and strength
22.2.1	Anti-rabies Immunoglobulin	P,S,T	
22.2.2	Anti-tetanus immunoglobulin	P,S,T	
22.2.3	Anti-Dimmunoglobulin	S, T	
22.2.4	Diphtheriaantitoxin	P,S,T	
22.2.5	Hepatitis B immunoglobulin	S,T	
22.2.6	Human normal Immunoglobulin	T	
22.2.7	Snake venom antiserum a) Soluble/ liquid polyvalent b) Lyophilized polyvalent	P,S,T	

22.3-Vaccines

- a) All the vaccines which are under Universal Immunization Programme of India (UIP) will be deemed included in NLEM. Presently, the UIP has BCG, DPT, OPV, measles, Hepatitis B, Japanese encephalitis & Pentavalent Vaccines.
- b) The new vaccines, which have been approved by National Technical Advisory Group on Immunization (NTAGI) and planned to be given under UIP, will be deemed to be included as and when listed in UIP. These vaccines are inactivated polio vaccine (IPV), Measles Rubella (MR) and Rota virus vaccine.
- c) In future, the vaccines which are under consideration, if and when included in UIP, will also be deemed included from the date of inclusion in UIP. These are pneumococcal and HPV vaccines.

22.3.1-For universal immunisation

	Medicine	Level of Healthcare	Dosage form and strength
22.3.1.1	BCG vaccine	P,S,T	
22.3.1.2	DPT + Hib + Hep B vaccine	P,S,T	
22.3.1.3	DPT vaccine	P,S,T	
22.3.1.4	Hepatitis B vaccine	P,S,T	

22.3.1.5	Japanese encephalitis vaccine	P,S,T	
22.3.1.6	Measles vaccine	P,S,T	
22.3.1.7	Oral poliomyelitis vaccine	P,S,T	
22.3.1.8	Tetanus toxoid	P,S,T	

22.3.2–For Specific Group of Individuals

22.3.2.1	Rabies vaccine	P,S,T	
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Section 23–Muscle relaxants and cholinesterase inhibitors

	Medicine	Level of Healthcare	Dosage form and strength
23.1	Atracurium	S,T	Injection 10 mg/ml
23.2	Baclofen	S,T	Tablet 5 mg Tablet 10 mg Tablet 20 mg
23.3	Neostigmine	S,T	Tablet 15 mg Injection 0.5 mg/ml
23.4	Succinylcholine	S,T	Injection 50 mg/ml
23.5	Vecuronium	S,T	Powder for Injection 4 mg Powder for Injection 10 mg

Section 24–Medicines for neonatal care

	Medicine	Level of Healthcare	Dosage form and strength
24.1	Alprostadil	T	Injection 0.5 mg/ml
24.2	Caffeine	S,T	Oral liquid 20 mg/ml Injection 20 mg/ml
24.3	Surfactant	S,T	Suspension for intratracheal instillation (As licensed)

Section 25–Ophthalmological Medicines

25.1–Anti-infective medicine

	Medicine	Level of Healthcare	Dosage form and strength
25.1.1	Acyclovir	P,S,T	Ointment 3%
25.1.2	Ciprofloxacin	P,S,T	Drops 0.3 %Ointment 0.3%

25.1.3	Erythromycin	P,S,T	Ointment 0.5%
25.1.4	Gentamicin	P,S,T	Drops 0.3%
25.1.5	Natamycin	P,S,T	Drops 5%
25.1.6	Povidone iodine	P,S,T	Drops 0.6% Drops 5%

25.2–Anti-inflammatory medicine

	Medicine	Level of Healthcare	Dosage form and strength
25.2.1	Prednisolone	P,S,T	Drops 0.1% Drops 1%

25.3–Local anaesthetics

	Medicine	Level of Healthcare	Dosage form and strength
25.3.1	Proparacaine	P,S,T	Drops 0.5%

25.4–Miotics and anti-glaucoma medicines

	Medicine	Level of Healthcare	Dosage form and strength
25.4.1	Acetazolamide	P,S,T	Tablet 250 mg
25.4.2	Pilocarpine	P,S,T	Drops 2% Drops 4%
25.4.3	Timolol	P,S,T	Drops 0.25% Drops 0.5%

25.5–Mydriatics

	Medicine	Level of Healthcare	Dosage form and strength
25.5.1	Atropine	P,S,T	Drops 1% Ointment 1%
25.5.2	Homatropine	P,S,T	Drops 2%
25.5.3	Phenylephrine	P,S,T	Drops 5% Drops 10 %
25.5.4	Tropicamide	P,S,T	Drops 1%

25.6–Ophthalmic surgical aids

	Medicine	Level of Healthcare	Dosage form and strength
25.6.1	Hydroxypropyl methylcellulose	T	Injection 2%

25.7–Miscellaneous			
	Medicine	Level of Healthcare	Dosage form and strength
25.7.1	Carboxymethyl cellulose	P,S,T	Drops 0.5% Drops 1 %

Section 26–Oxytocics and Anti-oxytocics

26.1–Oxytocics and abortifacient			
	Medicine	Level of Healthcare	Dosage form and strength
26.1.1	Dinoprostone	S,T	Tablet 0.5 mg Gel 0.5 mg
26.1.2	Methylethergometrine	P,S,T	Tablet 0.125 mg Injection 0.2 mg/ml
26.1.3	Mifepristone	T	Tablet 200 mg
26.1.4 26.1.5	Misoprostol	T	Tablet 100 mcg Tablet 200 mcg
	Oxytocin	S,T	Injection 5 IU/mle Injection 10 IU/ml

26.2–Medicines used in pre-term labour			
	Medicine	Level of Healthcare	Dosage form and strength
26.2.1	Betamethasone	P,S,T	Injection 4 mg/ml
26.2.2	Nifedipine	S,T	Tablet 10 mg

Section 27–Psychotherapeutic medicines

27.1–Medicines used in psychotic disorders			
	Medicine	Level of Healthcare	Dosage form and strength
27.1.1	Clozapine	T	Tablet 25 mg Tablet 50 mg Tablet 100 mg
27.1.2	Fluphenazine	S,T	Depot Injection 25 mg/ml
27.1.3	Haloperidol	S,T	Tablet 5 mg Tablet 10 mg Tablet 20 mg Oral liquid 2 mg/ 5ml
27.1.4	Risperidone	P,S,T	Tablet 1 mg Tablet 2 mg Tablet 4 mg Oral liquid 1 mg/ml

27.2–Medicines used in mood disorders			
27.2.1–Medicines used in depressive disorders			
	Medicine	Level of Healthcare	Dosage form and strength
27.2.1.1	Amitriptyline	P,S,T	Tablet 10 mg Tablet 25 mg Tablet 50 mg Tablet 75 mg
27.2.1.2	Escitalopram	S,T	Tablet 5 mg Tablet 10 mg Tablet 20 mg
27.2.1.3	Fluoxetine	P,S,T	Capsule 10 mg Capsule 20 mg Capsule 40 mg Capsule 60 mg

27.2.2–Medicines used in Bipolar disorders			
	Medicine	Level of Healthcare	Dosage form and strength
27.2.2.1	Lithium	S,T	Tablet 300 mg
27.2.2.2	Sodium valproate	P,S,T	Tablet 200 mg Tablet 500 mg

27.3–Medicines used for Generalized Anxiety and Sleep Disorders			
	Medicine	Level of Healthcare	Dosage form and strength
27.3.1	Clonazepam	P,S,T	Tablet 0.25 mg Tablet 0.5 mg Tablet 1 mg
27.3.2	Zolpidem	P,S,T	Tablet 5 mg Tablet 10 mg

27.4–Medicines used for obsessive compulsive disorders and panic attacks			
	Medicine	Level of Healthcare	Dosage form and strength
27.4.1	Clomipramine	S,T	Capsule 10 mg Capsule 25 mg Capsule 75 mg
27.4.2	Fluoxetine	P,S,T	Capsule 10 mg Capsule 20 mg Capsule 40 mg Capsule 60 mg

Section 28–Medicines acting on the respiratory tract			
28.1–Anti-asthmatic medicines			
	Medicine	Level of Healthcare	Dosage form and strength
28.1.1	Budesonide	P,S,T	Inhalation (MDI/DPI) 100mcg/dose Inhalation (MDI/DPI) 200mcg/dose Respirator solution for use in nebulizer 0.5 mg/ml Respirator solution for use in nebulizer 1 mg/ml
28.1.2	Budesonide (A)+ Formoterol (B)	P,S,T	Inhalation (MDI/DPI) 100 mcg (A)+6 mcg (B) Inhalation (MDI/DPI) 200 mcg (A)+ 6 mcg (B) Inhalation (MDI/DPI) 400 mcg (A)+ 6 mcg (B)
28.1.3	Hydrocortisone	P,S,T	Injection 100 mg Injection 200 mg
28.1.4	Ipratropium	P,S,T	Inhalation (MDI/DPI) 20 mcg/dose Respirator solution for use in nebulizer 250 cg/ml
28.1.5	Salbutamol	P,S,T	Tablet 2 mg Tablet 4 mg Oral liquid 2 mg/5 ml Inhalation (MDI/DPI) 100mcg/dose Respirator solution for use in nebulizer 5mg/ml
28.1.6	Tiotropium	P,S,T	Inhalation (MDI) 9 mcg/dose Inhalation (DPI) 18 mcg/dose MDI- Metered dose inhaler DPI- Dry Powder inhaler

Section 29–Solutions correcting water, electrolyte disturbances and acid-base disturbances			
	Medicine	Level of Healthcare	Dosage form and strength
29.1	Glucose	P,S,T	Injection 5% Injection 10% Injection 25% Injection 50%
29.2	Glucose (A) +Sodium chloride(B)	P,S,T	Injection 5% (A) + 0.9% (B)
29.3	Oral rehydrationsalts	P,S,T	As licensed
29.4	Potassium chloride	P,S,T	Injection 150 mg/ml Oral liquid 500 mg/5 ml
29.5	Ringer lactate	P,S,T	Injection (as per IP)

29.6	Sodiumbicarbonate	P,S,T	Injection (as per IP)
29.7	Sodium chloride	P,S,T	Injection 0.9%
		S,T	Injection 0.45% Injection 3%

29.2–Miscellaneous

	Medicine	Level of Healthcare	Dosage form and strength
29.2.1	Water for Injection	P,S,T	Injection

Section 30–Vitamins and minerals

	Medicine	Level of Healthcare	Dosage form and strength
30.1	Ascorbic acid(Vitamin C)	P,S,T	Tablet 100 mg Tablet 500 mg
30.2	Calcium carbonate	P,S,T	Tablet 250 mg Tablet 500 mg
30.3	Calcium gluconate	P,S,T	Injection 100 mg/ml Tablet 1000 IU,
30.4	Cholecalciferol	P,S,T	Tablet 60000 IU Oral liquid 400 IU/ml
30.5	Nicotinamide	P,S,T	Tablet 50 mg
30.6	Pyridoxine	P,S,T	Tablet 10 mg Tablet 50 mg Tablet 100 mg
30.7	Riboflavin	P,S,T	Tablet 5 mg
30.8	Thiamine	P,S,T	Tablet 100 mg Injection 100 mg/ml
30.9	Vitamin A	P,S,T	Capsule 5000 IU Capsule 50000 IU Capsule 100000 IU Oral liquid 100000 IU/ml Injection 50000 IU/ml

[Note : P-Primary, S-Secondary & T-Tertiary]

Alphabetical list of medicines

1. 5-aminosalicylic acid
2. 5-Fluorouracil
3. 6-Mercaptopurine
4. Abacavir
5. Abacavir + Lamivudine
6. Acetazolamide
7. Acetylsalicylic acid
8. Actinomycin D
9. Activated charcoal
10. Acyclovir
11. Adenosine
12. Adrenaline
13. Albendazole
14. Allopurinol
15. All-trans retinoic acid
16. Alprostadil
17. Alteplase
18. Amiodarone
19. Amitriptyline
20. Amlodipine
21. Amoxicillin
22. Amoxicillin + Clavulanic acid Amphotericin B
23. a) Amphotericin B (conventional)
b) Lipid/ Liposomal Amphotericin B
24. Ampicillin
25. Anti-D immunoglobulin
26. Anti-rabies immunoglobulin
27. Anti-tetanus immunoglobulin

28. Arsenic Trioxide
29. Artemether + Lumefantrine
30. Artesunate
31. Artesunate + Sulphadoxine - Pyrimethamine
32. Ascorbic acid (Vitamin C)
33. Atazanavir + Ritonavir
34. Atenolol
35. Atorvastatin
36. Atracurium
37. Atropine
38. Azathioprine
39. Azithromycin
40. Baclofen
41. Barium sulphate
42. BCG vaccine
43. Benzathinebenzyl penicillin
44. Benzoyl peroxide
45. Benzyl penicillin
46. Betamethasone
47. Bicalutamide
48. Bisacodyl
49. Bleaching powder
50. Bleomycin
51. Bortezomib
52. Budesonide
53. Budesonide + Formoterol
54. Bupivacaine
55. Caffeine
56. Calamine
57. Calcium carbonate
58. Calcium folinate

59. Calcium gluconate
60. Capecitabine
61. Capreomycin
62. Carbamazepine
63. Carbimazole
64. Carboplatin
65. Carboxymethylcellulose
66. Cefadroxil
67. Cefazolin
68. Cefixime
69. Cefotaxime
70. Ceftazidime
71. Ceftriaxone
72. Cetirizine
73. Cetrimide
74. Chlorambucil
75. Chlorhexidine
76. Chloroquine
77. Chlorpheniramine
78. Cholecalciferol
79. Ciprofloxacin
80. Cisplatin
81. Clarithromycin
82. Clindamycin
83. Clobazam
84. Clofazimine
85. Clomiphene
86. Clomipramine
87. Clonazepam
88. Clopidogrel
89. Clotrimazole

90. Cloxacillin
91. Clozapine
92. Coagulation factor IX
93. Coagulation factor VIII
94. Coal tar
95. Colchicine
96. Condom
97. Co-trimoxazole [Sulphamethoxazole + Trimethoprim]
98. Cryoprecipitate
99. Cyclophosphamide
100. Cycloserine
101. Cyclosporine
102. Cytosine arabinoside
103. Dacarbazine
104. Dapsone
105. Darunavir
106. Daunorubicin
107. Desferrioxamine
108. Dexamethasone
109. Dextran-40
110. Diazepam
111. Diclofenac
112. Dicyclomine
113. Diethylcarbamazine
114. Digoxin
115. Diloxanidefuroate
116. Diltiazem
117. Dimercaprol
118. Dinoprostone
119. Diphtheria antitoxin
120. Dobutamine

121. Docetaxel
122. Domperidone
123. Donepezil
124. Dopamine
125. Doxorubicin
126. Doxycycline
127. DPT + Hib + Hep B vaccine
128. DPT vaccine
129. Efavirenz
130. Enalapril
131. Enoxaparin
132. Entecavir
133. Erythromycin
134. Erythropoietin
135. Escitalopram
136. Esmolol
137. Ethambutol
138. Ethinylestradiol
139. Ethinylestradiol + Levonorgestrel
140. Ethinylestradiol + Norethisterone
141. Ethionamide
142. Ethyl alcohol (Denatured)
143. Etoposide
144. Fentanyl
145. Ferrous salt + Folic acid
146. Ferrous salts
147. Filgrastim
148. Fluconazole
149. Flunarizine
150. Fluorescein
151. Fluoxetine

152. Fluphenazine
153. Folic acid
154. Framycetin
155. Fresh frozen plasma
156. Furosemide
157. Fusidic acid
158. Gadobenate
159. Ganciclovir
160. Gefetinib
161. Gemcitabine
162. Gentamicin
163. Glimepiride
164. Glucose
165. Glucose + Sodium chloride
166. Glutaraldehyde
167. Glycerin
168. Glyceryltrinitrate
169. Glycopyrrolate
170. Griseofulvin
171. Haemodialysis fluid
172. Haloperidol
173. Halothane
174. Heparin
175. Hepatitis B immunoglobulin
176. Hepatitis B vaccine
177. Homatropine
178. Hormone releasing IUD
179. Human chorionic gonadotropin
180. Human normal immunoglobulin
181. Hydrochlorothiazide
182. Hydrocortisone

183. Hydrogen peroxide
184. Hydroxocobalamin
185. Hydroxychloroquine
186. Hydroxypropyl methylcellulose
187. Hydroxyurea
188. Hyoscinebutylbromide
189. Ibuprofen
190. Ifosfamide
191. Imatinib
192. Insulin (Soluble)
193. Intermediate Acting (NPH) Insulin
194. Intraperitoneal dialysis solution
195. Iohexol
196. Ipratropium
197. Iron sucrose
198. Isoflurane
199. Isoniazid
200. Isosorbide-5-mononitrate
201. Isosorbidedinitrate
202. Ispaghula
203. IUD containing Copper
204. Japanese encephalitis vaccine
205. Kanamycin
206. Ketamine
207. Labetalol
208. Lactulose
209. Lamivudine + Nevirapine + Stavudine
210. Lamivudine + Zidovudine
211. L-Asparaginase
212. Leflunomide
213. Letrozole

- 214. Levetiracetam
- 215. Levodopa + Carbidopa
- 216. Levofloxacin
- 217. Levonorgestrel
- 218. Levothyroxine
- 219. Lignocaine
- 220. Lignocaine + Adrenaline
- 221. Linezolid
- 222. Lithium
- 223. Loperamide
- 224. Lopinavir + Ritonavir
- 225. Lorazepam
- 226. Magnesium sulphate
- 227. Mannitol
- 228. Measles vaccine
- 229. Mebendazole
- 230. Medroxyprogesteroneacetate
- 231. Mefenamic acid
- 232. Mefloquine
- 233. Megluminediatrizoate
- 234. Melphalan
- 235. Mesna
- 236. Metformin
- 237. Methotrexate
- 238. Methyldopa
- 239. Methylergometrine
- 240. Methylprednisolone
- 241. Methylrosanilinium chloride (Gentian Violet)
- 242. Methylthioninium chloride (Methylene blue)
- 243. Metoclopramide
- 244. Metoprolol

- 245. Metronidazole
- 246. Midazolam
- 247. Mifepristone
- 248. Miltefosine
- 249. Misoprostol
- 250. Morphine
- 251. Moxifloxacin
- 252. Mycophenolatemofetil
- 253. N-acetylcysteine
- 254. Naloxone
- 255. Natamycin
- 256. Neostigmine
- 257. Nevirapine
- 258. Nicotinamide
- 259. Nifedipine
- 260. Nitrofurantoin
- 261. Nitrous oxide
- 262. Nor adrenaline
- 263. Norethisterone
- 264. Nystatin
- 265. Omeprazole
- 266. Ondansetron
- 267. Oral poliomyelitis vaccine
- 268. Oral rehydration salts
- 269. Oxaliplatin
- 270. Oxygen
- 271. Oxytocin
- 272. Paclitaxel
- 273. Pantoprazole
- 274. Para-aminosalicylic acid
- 275. Paracetamol

- 276. Paromomycin
- 277. Pegylated interferon alfa 2a/ 2b
- 278. Penicillamine
- 279. Pentamidine
- 280. Permethrin
- 281. Pheniramine
- 282. Phenobarbitone
- 283. Phenylephrine
- 284. Phenytoin
- 285. Phytomenadione (Vitamin K1)
- 286. Pilocarpine
- 287. Piperacillin + Tazobactam
- 288. Platelet rich plasma
- 289. Podophyllin resin
- 290. Potassium chloride
- 291. Potassium permanganate
- 292. Povidone iodine
- 293. Pralidoxime chloride (2-PAM)
- 294. Praziquantel
- 295. Prednisolone
- 296. Premix Insulin 30:70 Injection (Regular:NPH)
- 297. Prilocaine + Lignocaine
- 298. Primaquine
- 299. Procarbazine
- 300. Proparacaine
- 301. Propofol
- 302. Propranolol
- 303. Protamine
- 304. Pyrazinamide
- 305. Pyridoxine
- 306. Quinine

- 307. Rabies vaccine
- 308. Raltegravir
- 309. Ramipril
- 310. Ranitidine
- 311. Red blood cells
- 312. Ribavirin
- 313. Riboflavin
- 314. Rifabutin
- 315. Rifampicin
- 316. Ringer lactate
- 317. Risperidone
- 318. Ritonavir
- 319. Rituximab
- 320. Salbutamol
- 321. Salicylic acid
- 322. Sevoflurane
- 323. Silver sulphadiazine Snake venom antiserum
- 324. a) Soluble/ liquid polyvalent
b) Lyophilized polyvalent
- 325. Sodium bicarbonate
- 326. Sodium chloride
- 327. Sodium nitrite
- 328. Sodium nitroprusside
- 329. Sodium thiosulphate
- 330. Sodium valproate
- 331. Sofosbuvir
- 332. Somatostatin
- 333. Spironolactone
- 334. Stavudine + Lamivudine
- 335. Streptokinase
- 336. Streptomycin

- 337. Succinylcholine
- 338. Sucralfate
- 339. Sulfasalazine
- 340. Sumatriptan
- 341. Surfactant
- 342. Tacrolimus
- 343. Tamoxifen
- 344. Telmisartan
- 345. Temozolomide
- 346. Tenofovir
- 347. Tenofovir + Lamivudine
- 348. Tenofovir + Lamivudine + Efavirenz
- 349. Tetanus toxoid
- 350. Thalidomide
- 351. Thiamine
- 352. Thiopentone
- 353. Timolol
- 354. Tiotropium
- 355. Tramadol
- 356. Tranexamic acid
- 357. Trastuzumab
- 358. Trihexyphenidyl
- 359. Tropicamide
- 360. Tuberculin, Purified Protein derivative
- 361. Vancomycin
- 362. Vecuronium
- 363. Verapamil
- 364. Vinblastine
- 365. Vincristine
- 366. Vitamin A
- 367. Warfarin

- 368. Water for Injection
- 369. White Petrolatum
- 370. Whole blood
- 371. Xylometazoline
- 372. Zidovudine
- 373. Zidovudine + Lamivudine + Nevirapine
- 374. Zinc sulphate
- 375. Zoledronic acid
- 376. Zolpidem

By order and in the name of the Governor.

**(Vishal Chauhan, I. A. S.),
Commissioner-cum-Secretary,
Department of Health Care, HS & FW.
[File Name : Notification for State National List of Essential
Medicines (NLEM) 2017 – 18 on the basis of NLEM 2015]**